

Before the  
Federal Communications Commission  
Washington, D.C. 20554

In the Matter of		
Federal-State Joint Board on Universal Service	)	CC Docket 96-45
	)	
Schools and Libraries Universal Service	)	
Support Mechanism	)	CC Docket No. 02-6

**Request for Review for Macomb ISD Technology Consortium**

This letter is being filed as an appeal of the Universal Service Administrative Company's decision on December 28, 2005 denying an appeal by the Macomb ISD Technology Consortium (billed entity number 15763813) regarding Form 471 application number 441910 and Funding Request Numbers 1221561, 1221562, 1221568, and 1255374. A copy of the Administrator's Decision on Appeal letter is attached as Appendix I.

We respectfully request that the Commission overturn the decision of the Universal Service Administrative Company ("USAC") regarding these funding requests. We believe that USAC's decision is based in a misunderstanding of the responses provided by the Macomb ISD Technology Consortium ("Macomb"), despite clarifying responses provided at several junctures.

**I. Background**

The Macomb ISD Technology Consortium is a consortium run by the Macomb Intermediate School District (ISD). Macomb ISD is an educational service agency

serving approximately 130,000 students in 22 school districts located throughout Macomb county, Michigan. The Macomb ISD Technology Consortium serves as an aggregator of demand for Internet connections for the districts that Macomb ISD serves, allowing the purchase of Internet access at much lower rates than would be the case if they sought to purchase such services independently.

During the E-rate application process for the 2005-2006 funding year, Macomb ISD Technology Consortium carefully mapped out its strategy for service for the upcoming year. In order to provide adequate Internet service to the districts participating in the consortium, Macomb determined it would need three T3 connections for the entire school year. In addition, to support projected increases in distance learning initiatives, video streaming usage, and further deployment of local school district fiber optic networks, Macomb anticipated the need for two additional T3 connections in January 2006.

In order to accomplish these goals, Macomb sought bids from service providers for these T3 connections. Macomb determined that, in order to mitigate the risk of a single service provider outage bringing down the entire network, Macomb would seek to spread out the total needs across multiple service providers. As a result, Macomb sought funding for four separate FRNs (two for the whole year, two for just the second half of the year), outlined below:

<b><u>Service Provider</u></b>	<b><u># T3s</u></b>	<b><u>FRN</u></b>	<b><u>Service Start</u></b>	<b><u>Service End</u></b>
XO Communications	2	1221568	7/1/2005	6/30/2006
Sprint Communications	1	1221561	7/1/2005	6/30/2006
<i>Qwest Communications</i>	<i>1</i>	<i>1221562</i>	<i>1/1/2006</i>	<i>6/30/2006</i>
<i>Sprint Communications</i>	<i>1</i>	<i>1255374</i>	<i>1/1/2006</i>	<i>6/30/2006</i>

In the course of Program Integrity Assurance (PIA) review, the question of

whether the services in question were duplicative was asked several times.<sup>1</sup> Macomb ISD Technology Consortium provided complete answers on both occasions, indicating that the Funding Requests were “NOT duplicates” and were “necessary to meet the bandwidth demands [of] the 130,000+ students” in the consortium. Macomb ISD Technology Consortium also explained that multiple service providers were being used to mitigate the possible impact of service interruptions by any single service provider.<sup>2</sup> Macomb ISD Technology Consortium also held several conversations with the PIA reviewer to clarify and further explain the consortium’s needs.

On September 21, 2005, USAC issued a Funding Commitment Decision Letter (FCDL) in which they denied funding on all four FRNs because “the service/product is not being used in accordance with program rules.” Attempts by Macomb ISD Technology Consortium to determine what program violations the PIA reviewer believed had occurred in these funding requests were unsuccessful, as the Administrator’s helpline was unable to provide any further information on the denials.

Going back to the earlier PIA requests, Macomb determined that the most likely reason that the funding requests were denied was because the PIA reviewer simply misunderstood the funding requests and believed they were duplicative. Therefore, on October 31, 2005, Macomb ISD Technology Consortium filed a letter of appeal with USAC, again explaining that the funding requests were not duplicative and that the Consortium’s total bandwidth needs were for three T3 connections for the first half of the funding year, and for five T3 connections for the second half of the funding year.

Macomb ISD Technology Consortium also explained the concept of multihoming, which

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<sup>1</sup> See Appendix III, PIA Request, 7/7/2005, Question G, and Appendix V, PIA Request, 8/19/2005, Question G.

<sup>2</sup> See Appendix IV, PIA Response, 7/9/2005, and Appendix VI, PIA Response, 8/25/2005

is used to mitigate the risk of downtime by spreading out an entity's service requirements across multiple service providers.

On December 28, 2005, USAC issued an Administrator's Decision on Appeal. In this decision, USAC indicated that the Macomb ISD Technology Consortium had indicated that "duplication existed to prevent loss of connectivity during an interruption in service from one provider. While this may be a common practice for large networks, it is not an eligible use of service according to program rules." Therefore, all four funding requests were again denied; however, the logic now posed was that "50% of your funding request was for ineligible services. Therefore, your funding request was denied. You did not demonstrate in your appeal that your request included less than 30% for ineligible services."<sup>3</sup>

## **II. Discussion**

The fundamental issue at question here is whether the service requests are duplicative. The answer is very clear that they are not.

The Commission defined duplicative services as "services that provide the same functionality to the same population in the same location during the same period of time."<sup>4</sup> We support the Commission's work to reduce waste, fraud, and abuse by preventing applicants from ordering services that are truly duplicative. However, in this instance, the services requested do not contravene the Commission's rules.

A common sense reading of the Commission's rules would indicate that the services sought by Macomb ISD Technology Consortium are not, based on the

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<sup>3</sup> See Appendix I.

<sup>4</sup> Schools and Libraries Second Order, 18 FCC Rcd at 9209.

information provided by the applicant, duplicative. Much as the Commission would not consider two phone lines provided to a school district to necessarily be duplicative, the multiple T3 connections sought by Macomb ISD Technology Consortium are not duplicative. In fact, in the most recent version of the eligible services list approved by the Commission, the Commission clarified that “[a]ny service that is duplicative of a service already requested or being used by the applicant will not be eligible. *Services that provide necessary bandwidth requirements consistent with an applicant’s Technology Plan, such as multiple T-1 lines when appropriate for the population served and the services to be received, are not duplicative.*”<sup>5</sup>

We believe that, based on the answers submitted to PIA on multiple occasions that the services were clearly not duplicative but instead were calculated to meet the increasing bandwidth needs of the districts and students that make up the technology consortium, both the initial denial by USAC and the appeal decision were in error. In fact, during the current funding year, Macomb ISD Technology Consortium is already pushing the limits of the three T3 connections it currently has in place. The two T3 connections from XO Communications are currently experiencing utilization approaching 98% of total capacity during the school day, as shown on the 30 minute chart. The third T3, from Sprint, is experiencing utilization of almost 60% during the school day.<sup>6</sup> These utilization statistics mean that the Macomb ISD Technology Consortium is dangerously close to running out of bandwidth at times, with three T3 connections on line (the same T3s which are covered by FRNs 1221568 and 1221561). Based on these usage needs, we

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<sup>5</sup> See Fund Year 2006 eligible services list, [http://www.universalservice.org/res/documents/sl/pdf/els\\_archive/2006-eligible-services-list.pdf](http://www.universalservice.org/res/documents/sl/pdf/els_archive/2006-eligible-services-list.pdf), page 60 (emphasis added).

<sup>6</sup> See Appendix VII. The “Yearly” figures on these graphs are skewed because they average the use on a daily (24 hour) basis, while schools are only typically in session for 8 hours per day.

believe that it is self-evident that the requests are not duplicative.

Although PIA never asked for a copy of the Macomb ISD Technology Consortium's technology plan or any specific documentation regarding the needs of Macomb ISD Technology Consortium, we believe that it would have been illuminating for them had they done so. Macomb ISD Technology Consortium provides Internet service to over 130,000 students in some of the most technology-savvy districts in Michigan. These districts make extensive use of the broad range of resources available on the Internet for classroom instruction, including text, sound, video, and distance learning. Macomb ISD Technology Consortium supports those needs by providing a number of services, including not just Internet access, but also video and distance learning. For example, as alluded to in the PIA responses, the Macomb ISD Technology Consortium is providing extensive streaming video service to its member schools for distance learning. That service has expanded from just 25 schools during the 2003 fund year to 250 schools for the 2005 fund year. Furthermore, Macomb is also providing classes with sufficient bandwidth to take virtual field trips to such varied destinations as The Great Barrier Reef and Talkeetna, Alaska. These services, while educationally invaluable, require significant amounts of bandwidth in order to support them at an acceptable speed.

We are at a loss as to how PIA might have come to the conclusion that the services themselves were duplicative. We can only surmise that the conclusion was based either on a misunderstanding of the written responses provided or a misunderstanding of a response during one of the conversations Macomb had with the PIA reviewer. However, the written responses clearly show that Macomb ISD

Technology Consortium was not requesting duplicative services. Both written responses clearly indicated that the four FRNs were “NOT duplicates.” With respect to the Internet access needs of the consortium, Macomb indicated that “FRN #1221561 (Sprint Communications – T3 service) and FRN #1221568 (XO Michigan, Inc. – T-3 service) are both necessary to meet the bandwidth demands of the 130,000+ students in our Consortium.”<sup>7</sup> Macomb also explained in the response to the August 19, 2005 PIA questions that the additional two T3 connections that were contracted to start in January, 2006 (FRNs 1221562 and 1255374), were being requested to meet the already demonstrated increased demand from the school districts in the Macomb ISD Technology Consortium and the projected increase in demand resulting from expanding population in the schools and the new video streaming service that Macomb was offering to its member school districts.<sup>8</sup>

Furthermore, we note that the PIA reviewer in this case never requested any additional information regarding these funding requests beyond what was provided in the responses by Macomb ISD Technology Consortium. Should additional documentation have been necessary to show that the services were not duplicative – for example, a copy of the technology plan, examples and statistics regarding current bandwidth use, or documentation of the projected bandwidth requirements of the participating districts over the 2005-2006 funding year – PIA should have requested such documentation, and Macomb would have been happy to make it available.

Finally, we also believe the finding that 50% of *each* commitment was duplicative was arbitrary and in error (especially since the prior argument by PIA had been that the

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<sup>7</sup> See Appendices IV and VI.

<sup>8</sup> See Appendix VI.

funding commitments were duplicative of one another and that it's virtually impossible for a single T3 connection to be duplicative of itself). The application of the 30% rule (as outlined in the Administrator's Decision on Appeal) is inconsistent with the earlier finding that the funding requests were duplicative of one another, rather than each being duplicative of itself (since, in the instance of duplicative funding requests, only those requests which are duplicative are ineligible – the non-duplicative requests are still eligible).

### **III. Conclusion**

We respectfully request that the Commission determine that there is no duplication in the FRNs 1221561, 1221562, 1221568, and 1255374, overturn the Administrator's funding denials of those FRNs, and direct the Administrator to expedite the re-review of those funding requests and issue a funding commitment decision letter as quickly as possible.

Respectfully Submitted,



Mark Cummins  
Assistant Superintendent, Chief Information Office  
Macomb Intermediate School District

2/24/06  
02/24/2006



## **Appendix I: Administrator's Decision on Appeal**



**Universal Service Administrative Company**  
Schools & Libraries Division

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**Administrator's Decision on Appeal – Funding Year 2005-2006**

December 28, 2005

Mark Cummins  
Macomb ISD Technology Consortium  
44001 Garfield Road  
Clinton Township, MI 48038-1100

Re: Applicant Name: **MACOMB ISD TECHNOLOGY  
CONSORTIUM**  
Billed Entity Number: 15763813  
Form 471 Application Number: 441910  
Funding Request Number(s): 1221561, 1221562, 1221568, 1255374  
Your Correspondence Dated: October 31, 2005

After thorough review and investigation of all relevant facts, the Schools and Libraries Division (SLD) of the Universal Service Administrative Company (USAC) has made its decision in regard to your appeal of SLD's Funding Year 2005 Funding Commitment Decision Letter for the Application Number indicated above. This letter explains the basis of SLD's decision. The date of this letter begins the 60-day time period for appealing this decision to the Federal Communications Commission (FCC). If your Letter of Appeal included more than one Application Number, please note that you will receive a separate letter for each application.

Funding Request Number(s): 1221561, 1221562, 1221568, 1255374  
Decision on Appeal: **Denied**  
Explanation:

- On appeal, you are requesting reconsideration of SLD's denial of the above FRN's because they were not being used in accordance with program rules. In support of your appeal, you state that Macomb ISD is seeking support for 3 T3 Connections for the first half of the funding year and 5 T3 connections for the second half of the funding year. In order to reduce the reliance of Macomb ISD on any single provider network, you sought out multiple providers. The approach is called multihoming and is used for large networks, using this method will mitigate the impact of losing one or more service providers during an outage.
- Review of the appeal letter and all relevant documentation indicates that PIA questioned you during the initial review about potential duplicate FRN's. You

responded by explaining that the duplication existed to prevent loss of connectivity during an interruption in service from one provider. While this may be a common practice for large networks, it is not an eligible use of service according to program rules.

- Your Form 471 application included costs for the following ineligible services: redundant internet service providers. FCC rules provide that discounts may be approved only for eligible services. 47 C.F.R. §§ 54.502, 54.503. The USAC web site contains a list of eligible services. See the web site, [www.sl.universalservice.org](http://www.sl.universalservice.org), Eligible Services List. FCC rules require that if 30% or more of an applicant's funding request includes ineligible services, the funding request must be denied. 47 C.F.R. § 54.504(c)(1). 50% of your funding request was for ineligible services. Therefore, your funding request was denied. You did not demonstrate in your appeal that your request included less than 30% for ineligible services. Consequently, SLD denies your appeal.

If your appeal has been approved, but funding has been reduced or denied, you may appeal these decisions to either the SLD or the FCC. For appeals that have been denied in full, partially approved, dismissed, or canceled, you may file an appeal with the FCC. You should refer to CC Docket No. 02-6 on the first page of your appeal to the FCC. Your appeal must be received or postmarked within 60 days of the date on this letter. Failure to meet this requirement will result in automatic dismissal of your appeal. If you are submitting your appeal via United States Postal Service, send to: FCC, Office of the Secretary, 445 12th Street SW, Washington, DC 20554. Further information and options for filing an appeal directly with the FCC can be found in the "Appeals Procedure" posted in the Reference Area of the SLD web site or by contacting the Client Service Bureau. We strongly recommend that you use the electronic filing options.

We thank you for your continued support, patience and cooperation during the appeal process.

Schools and Libraries Division  
Universal Service Administrative Company

## **Appendix II: Initial Letter of Appeal to USAC**

**Letter of Appeal**

October 31, 2005

Schools and Libraries Division  
Universal Service Administrative Company  
Box 125 – Correspondence Unit  
80 South Jefferson Road  
Whippany, NJ 07981

Applicant Name:	Macomb ISD Technology Consortium
Applicant Address:	44001 Garfield Road Clinton Township, MI 48038-1100
Applicant Phone:	586-228-3410
Applicant Fax:	586-286-6775
Applicant Email:	tjuett@misd.net
Entity Number:	15763813
471 Application Number:	441910
Funding Year:	2005
Funding Request Numbers:	1221568, 1221561, 1255374, 1221562
Appealing Funding Decision:	"The service/product requested is not being used in accordance with program rules."

This letter is an appeal of the 9/21/2005 decision of the Schools and Libraries Division (SLD) of the Universal Service Administrative Company (USAC) that the above mentioned funding requests are denied because they were not being used in accordance with program rules and hence are ineligible for funding under the rules of the Universal Service Support Mechanism for Schools and Libraries.

**Background**

Macomb ISD Technology Consortium (Macomb ISD TC) filed Form 471 application number 441910 for Funding Year 2005. The Form 471 was filed in accordance with FCC program rules. This application included Funding Request Numbers (FRNs) 1221568, 1221561, 1255374, 1221562, all of which are requests for high speed connections (an eligible service) being provided to eligible entities.

Macomb Intermediate School District (ISD) serves approximately 130,000 students in 21 school districts located throughout Macomb county, Michigan. Macomb ISD TC acts as an aggregator for Internet connections for the districts Macomb ISD serves, allowing the districts access to high speed data transmission at a much lower cost that would otherwise be the case.

In order to meet these technology needs, Macomb ISD TC needs three T3 connections for the first half of the fund year, and five T3 connections for the second half of the funding year. Therefore, Macomb ISD TC's FRNs which are being appealed fall into two separate groups. First, Macomb ISD TC filed for two FRNs covering the provision of

high speed Internet services for the entire funding year (7/1/2005 – 6/30/2006). The first FRN, 1221568, is for the provision of two high speed T3 connections, from XO Michigan, Inc. The second FRN, 1221561, is for the provision of an additional high speed T3 connection, from Sprint Communications Co. L.P.

The second group of service covers only the second half of the funding year (1/1/2006 – 6/30/2006). For this time period, Macomb ISD TC also filed two FRNs. The first FRN, 1255374, is for a single T3 from Sprint Communications Co. L.P., while the second FRN, 1221562, is for a single T3 from Qwest Communications Corporation. The table below summarizes these two groups. The plain text is the first group of service, while the italicized text covers the second group of service.

Start Date	FRN	Service Provider	# T3s	Annual Cost
07/01/2005	1221568	XO Michigan, Inc.	2	152,172.00
07/01/2005	1221561	Sprint Communications Co. L.P.	1	93,258.00
01/01/2006	1255374	<i>Sprint Communications Co. L.P.</i>	<i>1</i>	<i>46,629.00</i>
01/01/2006	1221562	<i>Qwest Communications Corporation</i>	<i>1</i>	<i>49,500.00</i>
<b>Total Service Needs, 07/01/2005 – 12/31/2005</b>			<b>3</b>	
<b>Total Service Needs, 01/01/2006 – 06/30/2006</b>			<b>5</b>	

Macomb ISD TC was first contacted by the SLD's Program Integrity Assurance (PIA) division on July 7, 2005. In that communication, the PIA reviewer asked four questions that were relevant to these funding requests. The first (item D in the original PIA communication), asked Macomb ISD TC to certify that the connections were to be used for eligible uses at eligible locations. The second and third requests (items E and F in the original PIA communication) questioned whether FRNs 1221562 and 1221568 were permissible because the contract award dates for these two contracts were prior to the allowable contract dates set by the filing of the Form 470. The final request (item G in the original PIA communication) questioned whether the four FRNs currently under appeal were duplicative. Macomb ISD TC was given 7 days to respond to these questions.

On July 13, 2005, Macomb ISD TC responded to the initial PIA request. A signed certification was attached to cover the first request for a certification. The response also explained that the contracts cited in FRNs 1221562 and 1221568 were a statewide master contract and a multi-year master contract, respectively, which was why the contract award date preceded the allowable contract date. Finally, with respect to the duplicative services request, Macomb ISD TC explained that the services were not duplicative; rather, Macomb ISD TC needed three T3 connections to meet the July 2005 – December 2005 needs of the students it served, and that they anticipated an increased need for bandwidth starting in January 2006. Macomb ISD TC also explained that, in order to minimize the impact of a single service provider going down, Macomb ISD TC sought multiple vendors to meet their connectivity needs. This is a common industry best practice for critical telecommunications services (often called "multihoming") which is used to ensure that, should one service provider go down, the agency can still provide a

minimal level of service. Macomb ISD TC explained, therefore, that their services were not duplicative, but rather that Macomb ISD TC had chosen not to put all its eggs in a single vendor's basket.

The next communication from PIA came on August 18, 2005. It asked a variety of questions, none of which were relevant to the FRNs under appeal. Macomb ISD TC filed a response to those questions on August 25, 2005.

The third and final communication from PIA came on August 19, 2005. In this communication, Items E, F, and G (dealing with contract award dates and duplicative services) were cut and pasted from the original PIA communication. No reference was made to the answers to these questions which had been provided a month earlier, other than to say that the answers were "incomplete," and no specific information was included to assist Macomb ISD TC in putting together its response.

In its response to items E and F, which was sent on August 25, 2005, Macomb ISD TC cited the same state master contract and multi-year master contract as had been cited in their July 13, 2005 response. In addition, Macomb ISD TC provided a link to the state master contract in question, as well as a signed copy of the multi-year master contract.

In response to the Item G question, Macomb ISD TC again indicated that the four FRNs cited in this appeal were not duplicative. Macomb ISD TC explained that it needed the multiple T3 connections to meet the needs of its students from July 2005 through December 2005, and would need two additional T3 connections starting in January 2006 to meet the increased bandwidth requirements expected from greater student use of the Internet and for a new video service that is scheduled to commence operations in January 2006. Macomb ISD TC also explained that it purposely chose multiple service providers in order to minimize the impact of any single service provider outage and to ensure that they would be able to continue mission critical operations (at reduced speeds) in the event of a service outage with one of its service providers.

On September 21, 2005, the SLD issued a Funding Commitment Decision Letter (FCDL) denying funding for all four of the FRNs cited above, indicating that "[t]he service/product requested is not being used in accordance with program rules."

### **Discussion**

This funding request covers eligible services, provided by eligible providers, to eligible entities. All of the services are or will be used in accordance with program rules. We believe that the denial was a mistake based on a misunderstanding of the services themselves and the issue of multihoming.

Although the reason for denial given on the FCDL is rather cryptic, we believe that the denial stems from the reviewer's misinterpretation of the needs of Macomb ISD TC and the misapplication of procedures regarding duplicative or redundant services, rather than

the issue of contract dates. Given that all four FRNs were denied, and not merely the two dealing with contract dates, it seems likely that the denial stems from the requests for multiple T3 services. However, should the source of the denial be something other than the request for multiple T3 services discussed below, we ask that the SLD provide a more expansive description of the reasoning behind the denial as well as an additional 60 days to address the reason for denial.

The Commission has indicated that duplicative services are ineligible for program support.<sup>1</sup> The Commission has also defined duplicative services as “services that provide the same functionality to the same population in the same location during the same period of time.”<sup>2</sup> We believe that a common sense reading of this language, along with an understanding of the needs of Macomb ISD TC, would clearly indicate the services are not duplicative.

The restriction on duplicative services is meant to prevent an applicant from ordering services beyond the applicant’s needs. For example, if an applicant needed a single T3 connection, but sought E-rate support for two T3 connections, the Commission’s rules clearly indicate that the support for the second T3 connection would be denied. However, if an applicant needed two T3 connections to meet the needs of the students it serves, the second T3 would not be redundant – it would merely be part of the necessary service.

In this instance, Macomb ISD TC is only seeking support on the services it needs – namely, three T3 connections for the first half of the funding year and five T3 connections for the second half of the funding year. In fact, Macomb ISD TC made those intentions clear by ordering the second group of services for only the second half of the year, when new services being offered to the schools would make additional bandwidth necessary. None of the services ordered are duplicative.

We believe that the PIA reviewer may have been confused because, rather than seeking to purchase all of the T3 connections from a single service provider, Macomb ISD TC was seeking similar services from different providers, which could appear duplicative. While we believe that this issue was addressed adequately during the PIA process, it bears further discussion in the context of this appeal. Macomb ISD TC specifically sought out multiple providers, each to provide a fraction of the total need, as part of its RFP process. This was done intentionally to reduce the reliance of Macomb ISD TC on any single provider’s network.

This approach, called multihoming, is a common best practice for entities with large, complex networks.<sup>3</sup> As indicated above, Macomb ISD TC needs the entire bandwidth of three T3 connections for the first half of Fund Year 2005 and of five T3 connections for

<sup>1</sup> See FCC 04-190, *Fifth Report and Order*, paragraph 25.

<sup>2</sup> See FCC 04-190, *Fifth Report and Order*, paragraph 25.

<sup>3</sup> See *A Look at Multihoming and BGP*, available online at <http://www.oreillynet.com/pub/a/network/2002/08/12/multihoming.html>, for a short discussion of what multihoming is, how it works, and why entities would seek to implement multihoming.



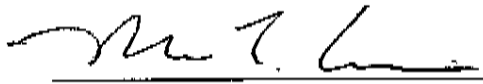
the second half of 2005. Using multihoming with these connections will partially mitigate the impact of losing one or more service providers during an outage, but will not supply "duplicative" bandwidth.

An apt analogy might be a car with four tires. While one can limp along with less than four tires in an emergency situation (such as a flat tire), ultimately, all four tires are necessary for proper functioning of the car. Similarly, ISD TC has requested the bandwidth they need – not duplicative bandwidth – and they need this bandwidth to provide the students they serve with an appropriate level of service.

Perhaps most disappointingly, the PIA reviewer did not seek any further information on the use of the services, nor did they provide any response to the information that had already been provided explaining the situation (other than to say it was "incomplete" without specifying what further information was needed). As the recent Fayette County School District Order makes clear, the SLD should clearly contact the applicant prior to determining that a service is ineligible or includes ineligible components, and that the SLD should clearly specify what documentation is necessary for them to determine the eligibility.<sup>4</sup> This clearly applies to ineligible uses, as well, and, should the PIA reviewer have needed further information, the reviewer should have clearly specified what documentation was necessary. Macomb ISD TC would have been happy to provide further documentation, had the PIA reviewer indicated the nature of their question and that a further response was necessary.

We request that the SLD reverse its funding commitment decision and process the funding request with all available speed.

Sincerely,

  
\_\_\_\_\_  
Mark Cummins  
Assistance Superintendent, Chief Information Officer

10/31/2005  
10/31/2005

<sup>4</sup> See SLD-338605, DA 05-2176, *Request for Review of the Decision of the Universal Service Administrator by Fayette County School District*, released 7/27/2005.

**Appendix III: PIA Request, 7/7/2005**



**Universal Service Administrative Company**  
Schools & Libraries Division

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Date: July 7, 2005

Dear: Thomas R. Juett

Applicant Name: MACOMB ISD TECHNOLOGY CONSORTIUM

Phone: (586) 228-3410

Application Number(s): **441910**

As we discussed in our conversation, we are in the process of reviewing all Form 471 applications for schools and libraries discounts to ensure that they are in compliance with the rules of the Universal Service Support Mechanism. I am currently in the process of reviewing your Funding Year 2005 Form 471 Application. To complete my review I need some additional information. The information needed to complete the PIA Review is listed below.

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**A.** For the Billed Entity listed below, we do not have the associated FCC Registration Number (FCC RN). The FCC, in its Fifth Report and Order, requires entities that currently participate in the Schools and Libraries Support Mechanism have an FCC Registration Number. This requirement applies to schools, libraries, non-instructional facilities, consortium leaders, service providers and consultants.

<u>Billed Entity</u>	<u>FCC Registration Number (FCC RN)</u>
15763813	_____

If you already have an FCC Registration Number for your Billed Entity (the entity listed in Block 1 of the Form 471), please provide that FCC Registration Number.

If you do not yet have an FCC Registration Number, you can obtain one by applying to the FCC, at [www.fcc.gov](http://www.fcc.gov). Click on link for CORES (Commission Registration System), or go directly at the FCC CORES registration site at <https://svartifoss2.fcc.gov/cores/CoresHome.html>.

After obtaining the FCC Registration Number, please provide us the FCC Registration Number.

Additional guidance on this topic and filing tips are located in the Reference area of our website, under "FCC Registration Numbers" <http://www.sl.universalservice.org/whatsnew/2004/102004.asp#102904>

You will need your Taxpayer Identification Number (TIN) to obtain an FCC Registration Number. For some employers, including state and local government agencies and non-profit organizations, the TIN is the IRS-issued Employer Identification Number (EIN).

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**B.** Please respond to the following question separately for each entity.

**Based upon review of your Form 471 application and/or the documentation you provided, we were not able to determine the eligibility of <**

ARMADA SCHOOLS ADMINISTRATION  
16026397 BUILDING  
16026881 SERVICE BULIDING  
16026882 MAINTANCE BULIDING  
16027707 ADMINISTRATION OFFICE  
CHIPPEWA VALLEY SCHOOLS  
16030165 ADMINISTRATION  
16030733 ANCHOR BAY ADMIN OFFICE  
16030735 CENTER LINE ADMIN OFFICE  
16030736 CLINTONDALE ADMIN OFFICES  
16030737 EAST DETROIT ADMIN OFFICES  
16030738 FITZGERALD ADMIN OFFICES  
16030739 FRASER ADMIN OFFICES  
16030741 LAKE SHORE MAINTENANCE  
16030742 LAKE SHORE ADMIN OFFICE  
16030743 LAKE VIEW ADMIN OFFICE  
16030744 L'ANSE CREUSE ADMIN OFFICE  
MISD SUPPORT AND RELATED SERVICES  
16030745 BLDG  
16030746 MISD TRANSPORTATION BLDG  
16030747 MISD ADMIN BLDG  
16030748 MT. CLEMENS ADMIN OFFICE  
16030749 NEW HAVEN ADMIN OFFICE  
16030752 RICHMOND ADMIN OFFICE  
16030753 ROMEO ADMIN OFFICE  
16030754 ROSEVILLE ADMIN OFFICE  
16030757 SOUTH LAKE ADMIN OFFICE  
16030758 UTICA ADMIN OFFICE  
16030759 WARREN WOODS ADMIN OFFICE  
54166 ADMINISTRATIVE SERVICES CENTER

**>. In order to be eligible to receive discounted services, per the rules of this support mechanism, the entity providing classroom instruction must be considered part of an elementary or a secondary school found in the No Child Left Behind Act of 2001 (20 U.S.C. Section 7801 (18) and (38)) which is not operating as a for-profit businesses, and does not have an endowment exceeding \$50 million. Please provide documentation that will verify that the entity meets the definition provided above.**

**If this entity is a non-instructional facility, which can be eligible for services under certain circumstances, please provide a written response to the following question: For FRN(s)**

\_\_\_\_\_

- 1. Is the non-instructional facility a stand-alone building?**
- 2. Does the non-instructional facility house classrooms?**
- 3. Do either of these two descriptions accurately and completely describe your school, school district or library's situation? If so, which one or both?**

- a) The non-instructional facility is owned by the school, school district or library and is used solely for school, school district or library business.
- b) Only school, school district or library employees use the non-instructional facility.

If the FRN is a request for Priority 2 services, please also respond to the following question:

- 4. Are the Internal Connections and/or Basic Maintenance in the non-instructional facility essential for the effective transport of data and information to an instructional building of a school or to a non-administrative building of a library?

For further information about funding requests to non-instructional facilities, consult the “Educational Purposes” document at [http://www.sl.universalservice.org/reference/educational\\_purposes.asp](http://www.sl.universalservice.org/reference/educational_purposes.asp)

(Note: your response should be based on the amount of funds you are requesting, which may be after cost-allocation has taken place. For example, a school could identify the school portion of a church phone bill that is "used for school business by school employees.")

**C.** Based upon review of your Form 471 application, we were not able to validate your requested discount percentage for <

Number	Entity	Request
53957	DAKOTA HIGH SCHOOL	50%
53963	GLEN PETERS SCHOOL	80%
53981	NEW HAVEN HIGH SCHOOL	60%
54147	KENNEDY MIDDLE SCHOOL	50%
54162	BOVENSCHEN SCHOOL	80%
54215	ROCKWELL SCHOOL	80%
55401	HOLDEN ELEMENTARY SCHOOL	90%
55425	MAPLE LANE SCHOOL	80%
	KELLWOOD ALTERNATIVE	
202931	SCHOOL	80%

>. If you choose to validate your original requested discount percentage, then please provide the appropriate documentation if one of the following acceptable methods were used:

- a. If the school participates in a National School Lunch Program (NSLP), please provide us a signed copy (preferably by the Principal, Vice-Principal, Superintendent or chief school official, or Director of Food Services) of the October Reimbursement Claim Form that the school sends to the state each month. Make sure that the following 3 items are identified:
  - 1) The Entity name
  - 2) The total number of students enrolled at the entity
  - 3) The total number of students eligible for Free/Reduced Lunch Program for the entity

If the school district fills out an aggregate form for the school district, provide a signed letter from a school official (preferably the Superintendent (or chief school official)) that lists the enrollment and Free/Reduced information for each school in the district.

**b. If the discount percentage was determined by information obtained from a survey/application, please provide the following information:**

- 1) Total number of students enrolled**
- 2) Total number of surveys/applications sent out**
- 3) Number of surveys/applications returned**
- 4) Total number of students qualified for NSLP per the returned surveys/applications**
- 5) Are the surveys/applications and results kept on file.**
- 6) Provide a sample copy of a FILLED OUT SURVEY/APPLICATION with the child's personal information crossed out for confidentiality.**
- 7) A signed certification that reads: "I certify that only those students who meet the Income Eligibility Guidelines of the National School Lunch Program have been included in Column 5 of Item 9a, of Block 4 of the Form 471."**
- 8) This information must be in writing on school letterhead and signed by a school official (such as the Principal, Vice-Principal, Superintendent or chief school official, Director of Food Services).**

**c. If the discount was determined using a different method than what was identified above, please indicate the method that was used and provide all relevant data.**

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**D. For FRN(s) 1221561, 1221562, 1221568, 1255374 for Internet Access services, please certify that the services will only be delivered to eligible users at eligible locations. The rules of this support mechanism do not allow for services or products to be provided to residential homes or other non-school/library facilities (i.e., students and teachers may not dial in from home to access the Internet; there can be no community access, etc). If this funding request for Internet Access is strictly limited to services used only at eligible locations by eligible users, then please certify in writing the following:**

**"The Internet Access service for which I seek discounts will be strictly limited to providing services only at eligible locations and used only by eligible users. Access to the Internet will not be provided to homes or other non-school or non-library sites."**

**(Signed)** \_\_\_\_\_

**(Name)** \_\_\_\_\_

**(Title)** \_\_\_\_\_

**(Date)** \_\_\_\_\_

The above certification must be word for word, and be signed by the chief school official (such as the principal or superintendent). If you are unable to make such a certification, because the statement is not correct, please indicate such.

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**E.** For FRN 1221562, the Contract Award Date (9/1/2003) for the services requested is before the Allowable Contract Date (11/29/2004) of the cited Form 470.

The rules of this support mechanism require that the CAD be after the ACD. Please answer the following question, and provide the requested documentation as indicated:

Please provide a copy of the full contract, signed and dated by both parties, to verify the correct CAD, and also verify if the referenced Form 470 is the establishing Form 470 for the services to the entity on this Form 471. If the referenced Form 470 is NOT the establishing Form 470, please provide the 15-digit Form 470 Number that did establish the bidding for the FRN. The establishing Form 470 is the specific Form 470, which was posted for that particular service for 28 days, and pursuant to which a contract was signed or an agreement was entered into. For a request in the Basic Maintenance service category, it is possible that the establishing 470 was filed under an Internal Connections service category. The establishing 470 could have been posted by the State, if the requested services are being purchased off of a State Master Contract.

---

**F.** For FRN 1221568, the Contract Award Date (1/15/2003) for the services requested is before the Allowable Contract Date (11/29/2004) of the cited Form 470.

The rules of this support mechanism require that the CAD be after the ACD. Please answer the following question, and provide the requested documentation as indicated:

Please provide a copy of the full contract, signed and dated by both parties, to verify the correct CAD, and also verify if the referenced Form 470 is the establishing Form 470 for the services to the entity on this Form 471. If the referenced Form 470 is NOT the establishing Form 470, please provide the 15-digit Form 470 Number that did establish the bidding for the FRN. The establishing Form 470 is the specific Form 470, which was posted for that particular service for 28 days, and pursuant to which a contract was signed or an agreement was entered into. For a request in the Basic Maintenance service category, it is possible that the establishing 470 was filed under an Internal Connections service category. The establishing 470 could have been posted by the State, if the requested services are being purchased off of a State Master Contract.

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**G.** Based on the documentation you provided, it appears that FRN **1221561 and FRN 1221562 and FRN and FRN 1221568 and FRN 1255374**\_on Form 471 Number **441910** are duplicates. If the FRNs are duplicates, please send a written authorization to cancel the duplicate FRN, being sure to, specify the FRN you wish to cancel.

If the FRNs are not duplicates, please provide documentation verifying that the applications are not duplicates. Documentation justifying that the FRNs are not duplicates would include bills verifying different recipients of service, signed copies of contracts verifying different services being delivered, or other more detailed information specifying the recipients of service and/or types of services being provided.

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Please fax or e-mail the requested information to my attention. If you have any questions please feel free to contact me.

It is important that we receive all of the information requested so PIA can complete its review. **If you are unable to provide the requested information because your school has closed or will shortly close for summer break, please let me know when you will be available to respond to these questions. Failure to do so may result in a reduction or denial of funding.**

**If we do not receive the information within seven calendar days, your application will be reviewed using the information currently on file. If you need additional time to prepare your response, please let me know as soon as possible.**

Should you wish to cancel this application, or any of your individual funding requests, please clearly indicate in your response that it is your intention to cancel an application or funding request(s); along with the application number and/or funding request number(s), and the complete name, title and signature of the authorized individual.

Thank you for your cooperation and continued support of the Universal Service Program.

Sincerely,

Robert Herring  
PIA Associate  
Schools And Libraries Division  
Program Integrity Assurance  
Phone: (973) 560-4463  
FAX: (973) 599-6521  
rherrin@sl.universalservice.org



**Appendix IV: PIA Response, 7/9/2005**

Robert Herring  
PIA Associate  
Schools And Libraries Division  
Program Integrity Assurance  
Phone: (973) 560-4463  
FAX: (973) 599-6521  
rherrin@sl.universalservice.org

Robert,

Here are the responses to your questions for application **#441910**

**Question A)** The FCC RN for Billed Entity 15763813 is **0013727425**

### **Question B)**

16026397	ARMADA SCHOOLS ADMINISTRATION BUILDING
16027707	WARREN CONSOLIDATED SCHOOLS ADMINISTRATION OFFICE
16030165	CHIPPEWA VALLEY SCHOOLS ADMINISTRATION
16030733	ANCHOR BAY ADMIN OFFICE
16030735	CENTER LINE ADMIN OFFICE
16030736	CLINTONDALE ADMIN OFFICES
16030737	EAST DETROIT ADMIN OFFICES
16030739	FRASER ADMIN OFFICES
16030742	LAKE SHORE ADMIN OFFICE
16030744	L'ANSE CREUSE ADMIN OFFICE
16030747	MISD (Macomb Intermediate School District)ADMIN BLDG
16030748	MT. CLEMENS ADMIN OFFICE
16030749	NEW HAVEN ADMIN OFFICE
16030752	RICHMOND ADMIN OFFICE
16030753	ROMEO ADMIN OFFICE
16030754	ROSEVILLE ADMIN OFFICE
16030757	SOUTH LAKE ADMIN OFFICE
16030758	UTICA ADMIN OFFICE
16030759	WARREN WOODS ADMIN OFFICE
54166	VAN DYKE PUBLIC SCHOOLS ADMINISTRATIVE SERVICES CENTER

**Explanation of Purpose:** The buildings listed above are the Administrative Offices for 20 school districts in Macomb County Michigan. These are stand alone buildings that do not house classrooms. They are for administrative purposes. They are owned by the school district, and used by school district personnel for school district business. It should be understood that parents of students and the community may use the board room or other meeting rooms for school or community functions. This would only count for a very small percentage of the building usage.

16030738	FITZGERALD ADMIN OFFICES
16030743	LAKE VIEW ADMIN OFFICE

**Explanation of Purpose:** The buildings listed above are the Administrative Offices for 2 school districts in Macomb County Michigan. These Administrative offices are co-located in one of the districts school buildings. Fitzgerald Administration Offices co-locate with Fitzgerald High School and Lakeview Administration Office co-locate with Princeton Elementary. The buildings are owned by the school district, and used by school district personnel for school district business. It should be understood that parents and community events (school, local and federal elections) take place in the "school" portion of the building.

16026881 VAN DYKE PUBLIC SCHOOLS TRANSPORTATION/SERVICE BULIDING  
 16026882 VAN DYKE PUBLIC SCHOOLS MAINTANCE BULIDING  
 16030741 LAKE SHORE MAINTENANCE  
 16030746 MISD (Macomb Intermediate School District)TRANSPORTATION BLDG

**Explanation of Purpose:** The buildings listed above are Transportation and Maintenance building for 3 school districts in Macomb County Michigan. The buildings are owned by the school district, and used by school district personnel for school district business, and only school district personnel use the facilities

16030745 MISD (Macomb Intermediate School District) SUPPORT AND RELATED SERVICES BLDG

**Explanation of Purpose:** The building listed above is auxiliary Administrative building for the Macomb Intermediate School District. It provides office space for the consultants, therapists, clinicians, para-professionals, and administrative support staff that service the needs of Macomb Counties special education population. The building is owned by the district and only used by school district personnel.

## Question C)

Each year the Michigan Department of Education posts a certified list of the NSLP Free and Reduced counts for each school in the state. In the past few years this count has been delayed and preliminary counts are posted for filing purposes. This is the data I used for the schools listed below:

- 53957 Dakota High School
- 53981 New Haven High School
- 54147 Kennedy Middle School
- 55401 Holden Elementary School
- 202931 Kellwood Alternative School

Since I submitted my 471's new data has been posted on the MDE E-rate web site:

[http://www.michigan.gov/mde/0,1607,7-140-6530\\_21417---,00.html](http://www.michigan.gov/mde/0,1607,7-140-6530_21417---,00.html)

Some of this data does not correspond to the data on my form 471 for application # 441910. To make sure that all my data is correct and certified I reentered the data for all 200+ schools in our consortium from the Michigan Department of Education E-rate web site. I have attached a spreadsheet (**Attachment #1**) with the information. Using the preliminary numbers the consortium discount percentage was calculated at 52.59% (Rounded to 53%). Using the updated data the consortium discount percentage is calculated at 53.31% (Rounded to 53%).

The discount percentage for the following was schools were calculated using a different method.

- 53963 Glen Peters School
- 54162 Bovenschen School
- 54215 Rockwell School
- 55425 Maple Lane School

Please see the attached letter of Certification from the Superintendent of the Macomb Intermediate School District (**Attachment #2**) for an explanation.

## Question D

The Internet Access Services requested in FRN(s) 1221261, 1221562, 1221568, 1255374 only provides access to eligible locations within our Consortium. Please see the attached letter of Certification **(Attachment #3)** from the Superintendent of the Macomb Intermediate School District.

## Question E

The Contract Award date is before the Contract Allowable date because we used a State Wide Master Contract (which we acknowledged in Block 5 15c. of form 471) to purchase Internet Access.

## Question F

The Contract Award date is before the Contract Allowable date because we used a multi-year contract from a previous FRN. The previous FRN (noted in Block 5 15d. of the Form 471). Was # 1157670.

## Question G

FRN(s) 1221561, 1221562, 1221568, 1255374 are NOT duplicates. FRN #1221561 (Sprint Communications – T3 service) and FRN # 1221568 (XO Michigan, Inc. – T-3 Service) are both necessary to meet the bandwidth demands the 130,000+ students in our Consortium. We have purposely chosen to use two different providers to ensure reliability by minimizing the disruption of mission critical services should we lose service from one of the providers. FRN 1221562 (Quest Communications Corporation – T3 service for 6 months) and FRN 1255374 (Sprint Communications – T3 service for 6 months) are not scheduled to go into operation until January 2006. These services are being requested to meet an anticipated increase in demand for Internet Access as our school districts expand their use of streaming video. These additional services will only be activated if needed.

If you need anything else, just let me know.

Thomas R. Juett  
Director, Instructional Technology  
Macomb Intermediate School District.

**Appendix V: PIA Request, 8/18/2005**



**Universal Service Administrative Company**  
Schools & Libraries Division

Date: August 18, 2005

Dear: Thomas R. Juett

Applicant Name: MACOMB ISD TECHNOLOGY CONSORTIUM

Phone: (586) 228-3410

Application Number(s): **441908, 441910**

As we discussed in our conversation, we are in the process of reviewing all Form 471 applications for schools and libraries discounts to ensure that they are in compliance with the rules of the Universal Service Support Mechanism. I am currently in the process of reviewing your Funding Year 2005 Form 471 Application. To complete my review I need some additional information. The information needed to complete the PIA Review is listed below.

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**D.** Based upon review of your Form 471 application, we were not able to validate your requested shared discount percentage of 55% for < **130809 CLINTONDALE COMM SCHOOL DIST**

>. If you choose to validate your original requested discount percentage of 55%, then please provide the appropriate documentation if one of the following acceptable methods were used:

- a. If the school participates in a National School Lunch Program (NSLP), please provide us a signed copy (preferably by the Principal, Vice-Principal, Superintendent or chief school official, or Director of Food Services) of the October Reimbursement Claim Form that the school sends to the state each month. Make sure that the following 3 items are identified:
  - 1) **The Entity name**
  - 2) **The total number of students enrolled at the entity**
  - 3) **The total number of students eligible for Free/Reduced Lunch Program for the entity**

If the school district fills out an aggregate form for the school district, provide a signed letter from a school official (preferably the Superintendent (or chief school official)) that lists the enrollment and Free/Reduced information for each school in the district.

- b. **If the discount percentage was determined by information obtained from a survey/application, please provide the following information:**
  - 1) **Total number of students enrolled**
  - 2) **Total number of surveys/applications sent out**
  - 3) **Number of surveys/applications returned**
  - 4) **Total number of students qualified for NSLP per the returned surveys/applications**

- 5) Are the surveys/applications and results kept on file.
- 6) Provide a sample copy of a **FILLED OUT SURVEY/APPLICATION** with the child's personal information crossed out for confidentiality.
- 7) A signed certification that reads: "I certify that only those students who meet the Income Eligibility Guidelines of the National School Lunch Program have been included in Column 5 of Item 9a, of Block 4 of the Form 471."
- 8) This information must be in writing on school letterhead and signed by a school official (such as the Principal, Vice-Principal, Superintendent or chief school official, Director of Food Services).

c. If the discount was determined using a different method than what was identified above, please indicate the method that was used and provide all relevant data.

---

**E.** Based upon review of your Form 471 application, we were not able to validate your requested shared discount percentage of 75% for < 130811 MACOMB INTERMEDIATE SCH DIST

>. If you choose to validate your original requested discount percentage of 75%, then please provide the appropriate documentation if one of the following acceptable methods were used:

- d. If the school participates in a National School Lunch Program (NSLP), please provide us a signed copy (preferably by the Principal, Vice-Principal, Superintendent or chief school official, or Director of Food Services) of the October Reimbursement Claim Form that the school sends to the state each month. Make sure that the following 3 items are identified:
  - 1) **The Entity name**
  - 2) **The total number of students enrolled at the entity**
  - 3) **The total number of students eligible for Free/Reduced Lunch Program for the entity**

If the school district fills out an aggregate form for the school district, provide a signed letter from a school official (preferably the Superintendent (or chief school official)) that lists the enrollment and Free/Reduced information for each school in the district.

- e. If the discount percentage was determined by information obtained from a survey/application, please provide the following information:
  - 1) **Total number of students enrolled**
  - 2) **Total number of surveys/applications sent out**
  - 3) **Number of surveys/applications returned**
  - 4) **Total number of students qualified for NSLP per the returned surveys/applications**
  - 5) **Are the surveys/applications and results kept on file.**
  - 6) **Provide a sample copy of a FILLED OUT SURVEY/APPLICATION with the child's personal information crossed out for confidentiality.**
  - 7) **A signed certification that reads: "I certify that only those students**

who meet the **Income Eligibility Guidelines of the National School Lunch Program** have been included in **Column 5 of Item 9a, of Block 4 of the Form 471.**"

- 8) **This information must be in writing on school letterhead and signed by a school official (such as the Principal, Vice-Principal, Superintendent or chief school official, Director of Food Services).**

- f. **If the discount was determined using a different method than what was identified above, please indicate the method that was used and provide all relevant data.**

---

**F.** Based upon review of your Form 471 application, we were not able to validate your requested shared discount percentage of 42% for < **130814 CHIPPEWA VALLEY SCHOOL DIST**

>. If you choose to validate your original requested discount percentage of 42%, then please provide the appropriate documentation if one of the following acceptable methods were used:

- g. If the school participates in a National School Lunch Program (NSLP), please provide us a signed copy (preferably by the Principal, Vice-Principal, Superintendent or chief school official, or Director of Food Services) of the October Reimbursement Claim Form that the school sends to the state each month. Make sure that the following 3 items are identified:

- 1) **The Entity name**
- 2) **The total number of students enrolled at the entity**
- 3) **The total number of students eligible for Free/Reduced Lunch Program for the entity**

If the school district fills out an aggregate form for the school district, provide a signed letter from a school official (preferably the Superintendent (or chief school official)) that lists the enrollment and Free/Reduced information for each school in the district.

- h. **If the discount percentage was determined by information obtained from a survey/application, please provide the following information:**

- 1) **Total number of students enrolled**
- 2) **Total number of surveys/applications sent out**
- 3) **Number of surveys/applications returned**
- 4) **Total number of students qualified for NSLP per the returned surveys/applications**
- 5) **Are the surveys/applications and results kept on file.**
- 6) **Provide a sample copy of a FILLED OUT SURVEY/APPLICATION with the child's personal information crossed out for confidentiality.**
- 7) **A signed certification that reads: "I certify that only those students who meet the Income Eligibility Guidelines of the National School Lunch Program have been included in Column 5 of Item 9a, of Block 4 of the Form 471."**
- 8) **This information must be in writing on school letterhead and signed by**



a school official (such as the Principal, Vice-Principal, Superintendent or chief school official, Director of Food Services).

- i. If the discount was determined using a different method than what was identified above, please indicate the method that was used and provide all relevant data.

---

**G.** Based upon review of your Form 471 application, we were not able to validate your requested shared discount percentage of 81% for < **130817 MOUNT CLEMENS COMM SCHOOL DIST**

>. If you choose to validate your original requested discount percentage of 81%, then please provide the appropriate documentation if one of the following acceptable methods were used:

- j. If the school participates in a National School Lunch Program (NSLP), please provide us a signed copy (preferably by the Principal, Vice-Principal, Superintendent or chief school official, or Director of Food Services) of the October Reimbursement Claim Form that the school sends to the state each month. Make sure that the following 3 items are identified:
  - 1) **The Entity name**
  - 2) **The total number of students enrolled at the entity**
  - 3) **The total number of students eligible for Free/Reduced Lunch Program for the entity**

If the school district fills out an aggregate form for the school district, provide a signed letter from a school official (preferably the Superintendent (or chief school official)) that lists the enrollment and Free/Reduced information for each school in the district.

- k. If the discount percentage was determined by information obtained from a survey/application, please provide the following information:
  - 1) **Total number of students enrolled**
  - 2) **Total number of surveys/applications sent out**
  - 3) **Number of surveys/applications returned**
  - 4) **Total number of students qualified for NSLP per the returned surveys/applications**
  - 5) **Are the surveys/applications and results kept on file.**
  - 6) **Provide a sample copy of a FILLED OUT SURVEY/APPLICATION with the child's personal information crossed out for confidentiality.**
  - 7) **A signed certification that reads: "I certify that only those students who meet the Income Eligibility Guidelines of the National School Lunch Program have been included in Column 5 of Item 9a, of Block 4 of the Form 471."**
  - 8) **This information must be in writing on school letterhead and signed by a school official (such as the Principal, Vice-Principal, Superintendent or chief school official, Director of Food Services).**

- l. If the discount was determined using a different method than what was identified

above, please indicate the method that was used and provide all relevant data.

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**H.** Based upon review of your Form 471 application, we were not able to validate your requested shared discount percentage of 60% for < **130823 NEW HAVEN COMM SCHOOL DISTRICT**

>. If you choose to validate your original requested discount percentage of 60%, then please provide the appropriate documentation if one of the following acceptable methods were used:

- m. If the school participates in a National School Lunch Program (NSLP), please provide us a signed copy (preferably by the Principal, Vice-Principal, Superintendent or chief school official, or Director of Food Services) of the October Reimbursement Claim Form that the school sends to the state each month. Make sure that the following 3 items are identified:
  - 1) **The Entity name**
  - 2) **The total number of students enrolled at the entity**
  - 3) **The total number of students eligible for Free/Reduced Lunch Program for the entity**

If the school district fills out an aggregate form for the school district, provide a signed letter from a school official (preferably the Superintendent (or chief school official)) that lists the enrollment and Free/Reduced information for each school in the district.

- n. **If the discount percentage was determined by information obtained from a survey/application, please provide the following information:**
    - 1) **Total number of students enrolled**
    - 2) **Total number of surveys/applications sent out**
    - 3) **Number of surveys/applications returned**
    - 4) **Total number of students qualified for NSLP per the returned surveys/applications**
    - 5) **Are the surveys/applications and results kept on file.**
    - 6) **Provide a sample copy of a FILLED OUT SURVEY/APPLICATION with the child's personal information crossed out for confidentiality.**
    - 7) **A signed certification that reads: "I certify that only those students who meet the Income Eligibility Guidelines of the National School Lunch Program have been included in Column 5 of Item 9a, of Block 4 of the Form 471."**
    - 8) **This information must be in writing on school letterhead and signed by a school official (such as the Principal, Vice-Principal, Superintendent or chief school official, Director of Food Services).**
  - o. **If the discount was determined using a different method than what was identified above, please indicate the method that was used and provide all relevant data.**
-

**I.** Based upon review of your Form 471 application, we were not able to validate your requested shared discount percentage of 42% for < **130831 ROMEO COMMUNITY SCHOOL DIST**

>. If you choose to validate your original requested discount percentage of 42%, then please provide the appropriate documentation if one of the following acceptable methods were used:

- p. If the school participates in a National School Lunch Program (NSLP), please provide us a signed copy (preferably by the Principal, Vice-Principal, Superintendent or chief school official, or Director of Food Services) of the October Reimbursement Claim Form that the school sends to the state each month. Make sure that the following 3 items are identified:

- 1) **The Entity name**
- 2) **The total number of students enrolled at the entity**
- 3) **The total number of students eligible for Free/Reduced Lunch Program for the entity**

If the school district fills out an aggregate form for the school district, provide a signed letter from a school official (preferably the Superintendent (or chief school official)) that lists the enrollment and Free/Reduced information for each school in the district.

- q. **If the discount percentage was determined by information obtained from a survey/application, please provide the following information:**

- 1) **Total number of students enrolled**
- 2) **Total number of surveys/applications sent out**
- 3) **Number of surveys/applications returned**
- 4) **Total number of students qualified for NSLP per the returned surveys/applications**
- 5) **Are the surveys/applications and results kept on file.**
- 6) **Provide a sample copy of a FILLED OUT SURVEY/APPLICATION with the child's personal information crossed out for confidentiality.**
- 7) **A signed certification that reads: "I certify that only those students who meet the Income Eligibility Guidelines of the National School Lunch Program have been included in Column 5 of Item 9a, of Block 4 of the Form 471."**
- 8) **This information must be in writing on school letterhead and signed by a school official (such as the Principal, Vice-Principal, Superintendent or chief school official, Director of Food Services).**

- r. **If the discount was determined using a different method than what was identified above, please indicate the method that was used and provide all relevant data.**

---

**J.** Based upon review of your Form 471 application, we were not able to validate your requested shared discount percentage of 46% for < **130844 LAKE SHORE SCHOOL DISTRICT**

>. If you choose to validate your original requested discount percentage of 46%, then please provide the appropriate documentation if one of the following acceptable methods were used:

- s. If the school participates in a National School Lunch Program (NSLP), please provide us a signed copy (preferably by the Principal, Vice-Principal, Superintendent or chief school official, or Director of Food Services) of the October Reimbursement Claim Form that the school sends to the state each month. Make sure that the following 3 items are identified:
  - 1) **The Entity name**
  - 2) **The total number of students enrolled at the entity**
  - 3) **The total number of students eligible for Free/Reduced Lunch Program for the entity**

If the school district fills out an aggregate form for the school district, provide a signed letter from a school official (preferably the Superintendent (or chief school official)) that lists the enrollment and Free/Reduced information for each school in the district.

- t. **If the discount percentage was determined by information obtained from a survey/application, please provide the following information:**
  - 1) **Total number of students enrolled**
  - 2) **Total number of surveys/applications sent out**
  - 3) **Number of surveys/applications returned**
  - 4) **Total number of students qualified for NSLP per the returned surveys/applications**
  - 5) **Are the surveys/applications and results kept on file.**
  - 6) **Provide a sample copy of a FILLED OUT SURVEY/APPLICATION with the child's personal information crossed out for confidentiality.**
  - 7) **A signed certification that reads: "I certify that only those students who meet the Income Eligibility Guidelines of the National School Lunch Program have been included in Column 5 of Item 9a, of Block 4 of the Form 471."**
  - 8) **This information must be in writing on school letterhead and signed by a school official (such as the Principal, Vice-Principal, Superintendent or chief school official, Director of Food Services).**

- u. **If the discount was determined using a different method than what was identified above, please indicate the method that was used and provide all relevant data.**

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**K.** Based upon review of your Form 471 application, we were not able to validate your requested shared discount percentage of 49% for < **130844 LAKE SHORE SCHOOL DISTRICT**

>. If you choose to validate your original requested discount percentage of 49%, then please provide the appropriate documentation if one of the following acceptable methods were used:

- v. If the school participates in a National School Lunch Program (NSLP), please provide us a signed copy (preferably by the Principal, Vice-Principal, Superintendent or chief school official, or Director of Food Services) of the October Reimbursement Claim Form that the school sends to the state each month. Make sure that the following 3 items are identified:
- 1) **The Entity name**
  - 2) **The total number of students enrolled at the entity**
  - 3) **The total number of students eligible for Free/Reduced Lunch Program for the entity**

If the school district fills out an aggregate form for the school district, provide a signed letter from a school official (preferably the Superintendent (or chief school official)) that lists the enrollment and Free/Reduced information for each school in the district.

- w. **If the discount percentage was determined by information obtained from a survey/application, please provide the following information:**
- 1) **Total number of students enrolled**
  - 2) **Total number of surveys/applications sent out**
  - 3) **Number of surveys/applications returned**
  - 4) **Total number of students qualified for NSLP per the returned surveys/applications**
  - 5) **Are the surveys/applications and results kept on file.**
  - 6) **Provide a sample copy of a FILLED OUT SURVEY/APPLICATION with the child's personal information crossed out for confidentiality.**
  - 7) **A signed certification that reads: "I certify that only those students who meet the Income Eligibility Guidelines of the National School Lunch Program have been included in Column 5 of Item 9a, of Block 4 of the Form 471."**
  - 8) **This information must be in writing on school letterhead and signed by a school official (such as the Principal, Vice-Principal, Superintendent or chief school official, Director of Food Services).**
- x. **If the discount was determined using a different method than what was identified above, please indicate the method that was used and provide all relevant data.**
- 

Please fax or e-mail the requested information to my attention. If you have any questions please feel free to contact me.

It is important that we receive all of the information requested so PIA can complete its review. **If you are unable to provide the requested information because your school has closed or will shortly close for summer break, please let me know when you will be available to respond to these questions. Failure to do so may result in a reduction or denial of funding.**

**If we do not receive the information within seven calendar days, your application will be reviewed using the information currently on file. If you need additional time to prepare your response, please let me know as soon as possible.**

Should you wish to cancel this application, or any of your individual funding requests, please clearly indicate in your response that it is your intention to cancel an application or funding request(s); along with the application number and/or funding request number(s), and the complete name, title and signature of the authorized individual.

Thank you for your cooperation and continued support of the Universal Service Program.

Sincerely,

Robert Herring  
PIA Associate  
Schools And Libraries Division  
Program Integrity Assurance  
Phone: (973) 560-4463  
FAX: (973) 599-6521  
rherrin@sl.universalservice.org

**Appendix VI: PIA Response, 8/25/2005**

**Juett, Thomas**

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**From:** Juett, Thomas  
**Sent:** Thursday, August 25, 2005 9:18 AM  
**To:** 'PIATeam5'  
**Subject:** RE: App (441908, 441910) Request

**Robert,**

**Per our phone conversation I am only sending you the information you requested on the Macomb Intermediate School District.**

**E.** Based upon review of your Form 471 application, we were not able to validate your requested shared discount percentage of 75% for < **130811 MACOMB INTERMEDIATE SCH DIST**

>. If you choose to validate your original requested discount percentage of 75%, then please provide the appropriate documentation if one of the following acceptable methods were used:

- a. If the school participates in a National School Lunch Program (NSLP), please provide us a signed copy (preferably by the Principal, Vice-Principal, Superintendent or chief school official, or Director of Food Services) of the October Reimbursement Claim Form that the school sends to the state each month. Make sure that the following 3 items are identified:
  - 1) **The Entity name**
  - 2) **The total number of students enrolled at the entity**
  - 3) **The total number of students eligible for Free/Reduced Lunch Program for the entity**

**Attached you will find a document signed by our Chief Information Officer that certifies that the information on our 471 is correct, and how that information was obtained. The copy attached, with no signature, will be followed by a faxed copy with a signature. If you need anything else on this issue, please email me.**

**Tom**

-----Original Message-----

**From:** PIATeam5 [mailto:PIATeam5@sl.universalservice.org]  
**Sent:** Thursday, August 18, 2005 6:11 PM  
**To:** Juett, Thomas  
**Cc:** Thomas R. Juett@15862866775  
**Subject:** App (441908, 441910) Request

Thomas R. Juett,  
Please see attached E-rate correspondence.

[Thank you for supporting the E-rate Program.](#)

Robert Herring  
PIA Associate  
Schools And Libraries Division  
Program Integrity Assurance



Phone: (973) 560-4463  
FAX: (973) 599-6521  
[rherrin@sl.universalservice.org](mailto:rherrin@sl.universalservice.org)

## **Appendix VII: Bandwidth Utilization**

# Traffic Analysis for XO-ESC -- XO-DS3-ESC

## MISD

System: XO-DS3-ESC in

Maintainer:

Description: Serial2/0

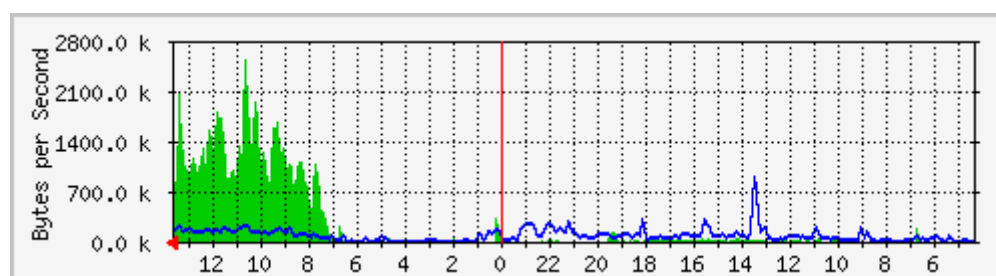
ifType: ppp (23)

ifName: Se2/0

Max Speed: 5526.3 kBytes/s

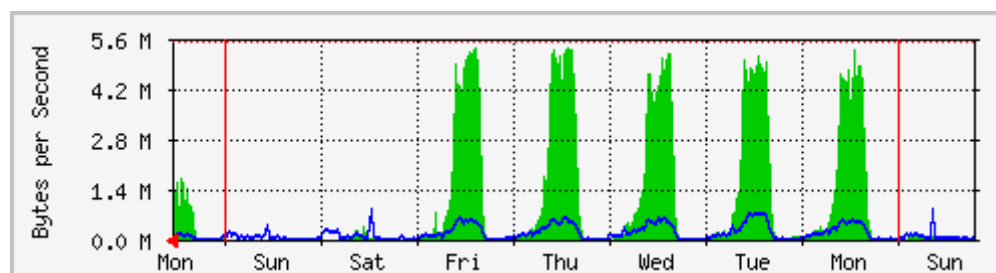
The statistics were last updated **Monday, 20 February 2006 at 13:48**,  
at which time 'XO-DS3-ESC' had been up for **115 days, 4:19:20**.

### `Daily' Graph (5 Minute Average)



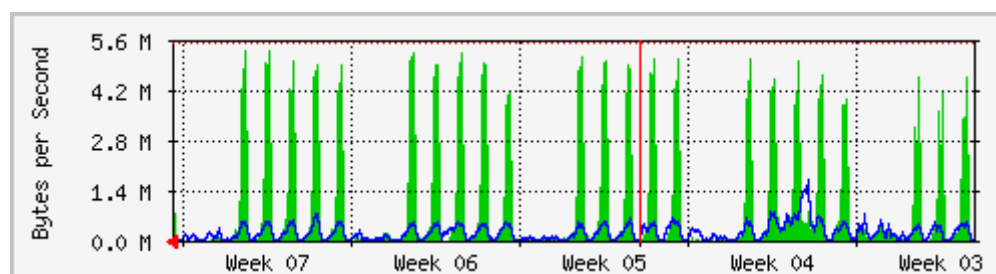
Max In:2548.0 kB/s (46.1%) Average In:266.8 kB/s (4.8%) Current In:923.8 kB/s (16.7%)  
Max Out:900.4 kB/s (16.3%) Average Out:102.3 kB/s (1.9%) Current Out:193.5 kB/s (3.5%)

### `Weekly' Graph (30 Minute Average)

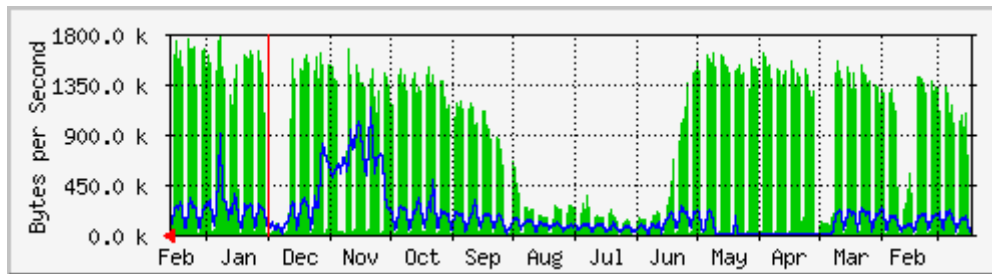


Max In:5412.5 kB/s (97.9%) Average In:1036.9 kB/s (18.8%) Current In:1075.5 kB/s (19.5%)  
Max Out:885.3 kB/s (16.0%) Average Out:199.5 kB/s (3.6%) Current Out:161.7 kB/s (2.9%)

### `Monthly' Graph (2 Hour Average)



Max In:5351.6 kB/s (96.8%) Average In:1121.1 kB/s (20.3%) Current In:1517.5 kB/s (27.5%)  
Max Out:1680.1 kB/s (30.4%) Average Out:250.0 kB/s (4.5%) Current Out:174.8 kB/s (3.2%)

**`Yearly' Graph (1 Day Average)**

Max **In**:1797.1 kB/s (32.5%)    Average **In**:752.5 kB/s (13.6%)    Current **In**:28.5 kB/s (0.5%)  
Max **Out**:1138.2 kB/s (20.6%)    Average **Out**:177.5 kB/s (3.2%)    Current **Out**:113.7 kB/s (2.1%)

---

**GREEN ###** Incoming Traffic in Bytes per Second

**BLUE ###** Outgoing Traffic in Bytes per Second

---

**MRTG** MULTI ROUTER TRAFFIC GRAPHER  
2.10.13    [Tobias Oetiker <oetiker@ee.ethz.ch>](mailto:oetiker@ee.ethz.ch)  
and [Dave Rand <dlr@bungie.com>](mailto:dlr@bungie.com)

# Traffic Analysis for XO-REMOTE -- XO-DS3

System: XO-DS3-remote in

Maintainer: MISD

Description: Serial2/0

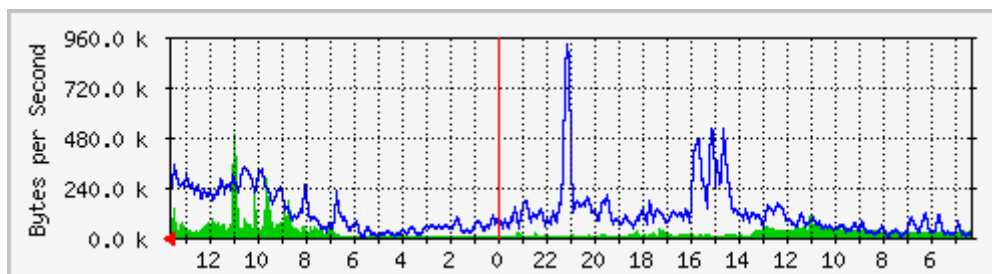
ifType: ppp (23)

ifName: Se2/0

Max Speed: 5526.3 kBytes/s

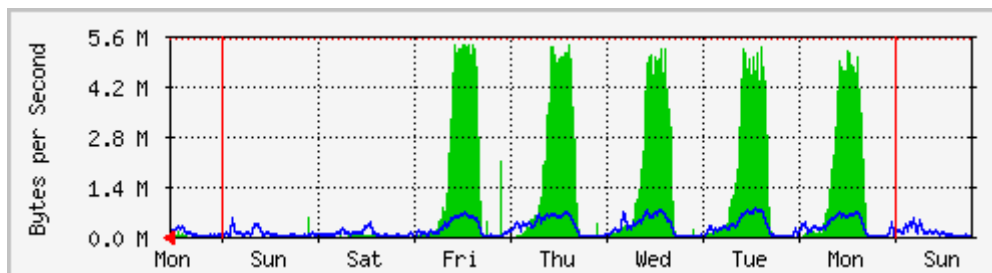
The statistics were last updated **Monday, 20 February 2006 at 13:53**,  
at which time '**XO-DS3-Peters**' had been up for **41 days, 3:32:37**.

## `Daily' Graph (5 Minute Average)



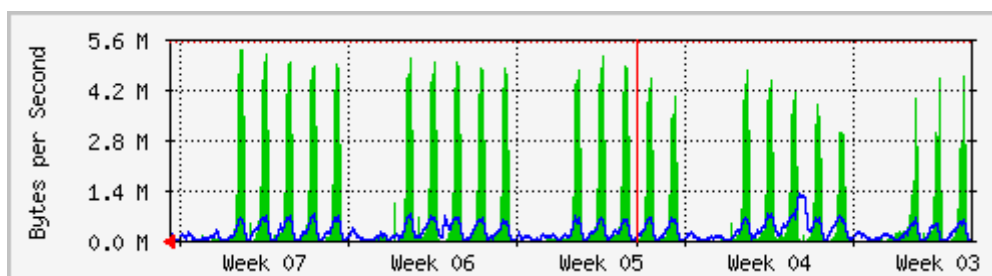
Max **In**:500.0 kB/s (9.0%)    Average **In**:39.9 kB/s (0.7%)    Current **In**:65.1 kB/s (1.2%)  
Max **Out**:922.7 kB/s (16.7%)    Average **Out**:127.0 kB/s (2.3%)    Current **Out**:346.3 kB/s (6.3%)

## `Weekly' Graph (30 Minute Average)



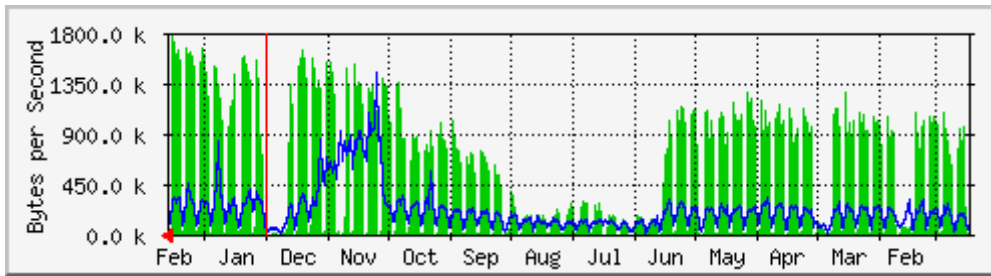
Max **In**:5416.5 kB/s (98.0%)    Average **In**:1027.1 kB/s (18.6%)    Current **In**:43.0 kB/s (0.8%)  
Max **Out**:787.6 kB/s (14.3%)    Average **Out**:238.6 kB/s (4.3%)    Current **Out**:253.5 kB/s (4.6%)

## `Monthly' Graph (2 Hour Average)



Max **In**:5347.4 kB/s (96.8%)    Average **In**:1045.7 kB/s (18.9%)    Current **In**:132.8 kB/s (2.4%)  
Max **Out**:1336.1 kB/s (24.2%)    Average **Out**:271.9 kB/s (4.9%)    Current **Out**:264.7 kB/s (4.8%)

## `Yearly' Graph (1 Day Average)



Max **In**:1797.8 kB/s (32.5%) Average **In**:598.8 kB/s (10.8%) Current **In**:49.2 kB/s (0.9%)  
Max **Out**:1454.7 kB/s (26.3%) Average **Out**:231.0 kB/s (4.2%) Current **Out**:98.3 kB/s (1.8%)

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**GREEN ###** Incoming Traffic in Bytes per Second

**BLUE ###** Outgoing Traffic in Bytes per Second

---

**MRTG** MULTI ROUTER TRAFFIC GRAPHER

2.10.13

[Tobias Oetiker <oetiker@ee.ethz.ch>](mailto:oetiker@ee.ethz.ch)

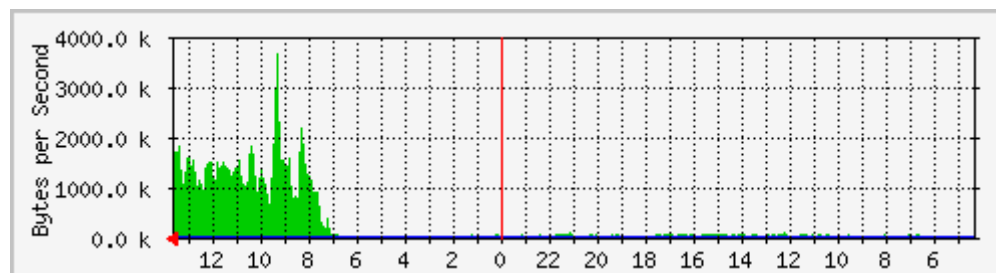
and [Dave Rand <dlr@bungie.com>](mailto:dlr@bungie.com)

# Traffic Analysis for SPRINT-DS3-ESC

System: SPRINT-DS3-ESC in  
Maintainer: MISD  
Description: Serial2/1  
ifType: ppp (23)  
ifName: Se2/1  
Max Speed: 5526.3 kBytes/s

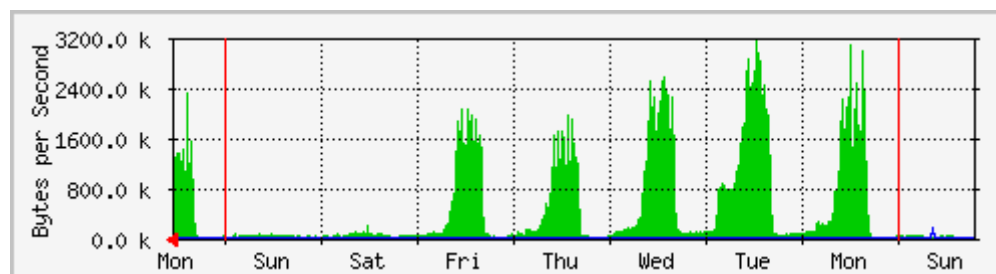
The statistics were last updated **Monday, 20 February 2006 at 13:53**,  
at which time 'SPRINT-DS3-ESC' had been up for **115 days, 4:24:21**.

## `Daily' Graph (5 Minute Average)



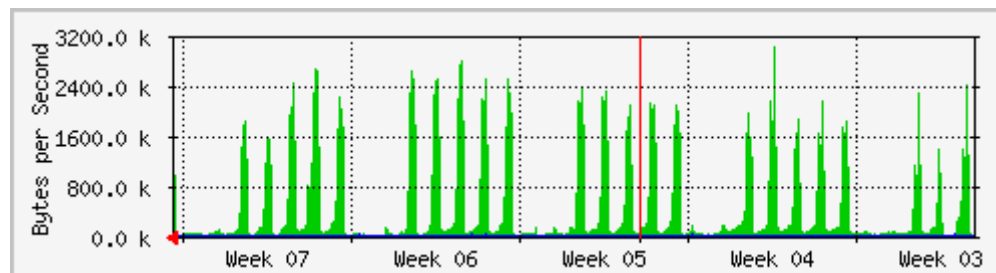
Max In:3712.1 kB/s (67.2%) Average In:330.5 kB/s (6.0%) Current In:1658.6 kB/s (30.0%)  
Max Out:11.0 B/s (0.0%) Average Out:10.0 B/s (0.0%) Current Out:11.0 B/s (0.0%)

## `Weekly' Graph (30 Minute Average)



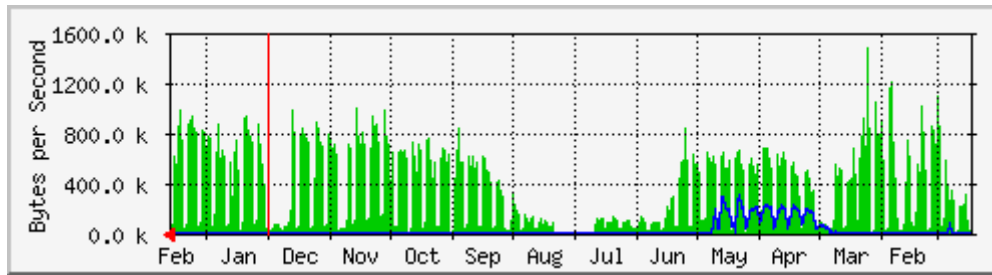
Max In:3191.4 kB/s (57.7%) Average In:524.9 kB/s (9.5%) Current In:1383.4 kB/s (25.0%)  
Max Out:184.2 kB/s (3.3%) Average Out:471.0 B/s (0.0%) Current Out:10.0 B/s (0.0%)

## `Monthly' Graph (2 Hour Average)



Max In:3040.4 kB/s (55.0%) Average In:557.3 kB/s (10.1%) Current In:1541.1 kB/s (27.9%)  
Max Out:46.1 kB/s (0.8%) Average Out:578.0 B/s (0.0%) Current Out:10.0 B/s (0.0%)

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**`Yearly' Graph (1 Day Average)**

Max **In**:1499.7 kB/s (27.1%)    Average **In**:389.0 kB/s (7.0%)    Current **In**:72.7 kB/s (1.3%)  
Max **Out**:304.3 kB/s (5.5%)    Average **Out**:24.8 kB/s (0.4%)    Current **Out**:10.0 B/s (0.0%)

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**GREEN ###** Incoming Traffic in Bytes per Second

**BLUE ###** Outgoing Traffic in Bytes per Second

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**MRTG** MULTI ROUTER TRAFFIC GRAPHER

2.10.13

[Tobias Oetiker <oetiker@ee.ethz.ch>](mailto:oetiker@ee.ethz.ch)

and [Dave Rand <dlr@bungl.com>](mailto:dlr@bungl.com)